

**REMARKS**

Claims 1-62 were pending. Claims 9-54 and 59-62 have been cancelled, as being drawn to a non-elected invention. Claim 63 was added. Therefore, claims 1-8, 55-58, and 63 are currently pending.

No new matter has been added. Support for new claim 63 can be found, for example, at least in claims 1, 4, and 6 as originally filed.

***Response to Restriction Requirement under 35 U.S.C. § 121***

The Examiner has required under 35 U.S.C. § 121, that Applicant restrict her invention to one of the following groups:

Group I: Claims 1-8 and 55-58, drawn to methods of forming/making an ordered structures, classified in class 436, subclass 71.

Group II: Claims 9-18, drawn to a two-dimensional ordered structure, classified in class 530, subclass 350.

Group III: Claims 19-28, drawn to a three-dimensional ordered structure, classified in class 530, subclass 350.

Group IV: Claims 29-40, drawn to a method for determining the shape of an amphiphilic molecule, classified in class 702, subclass 50.

Group V: Claims 41-48, drawn to a method for screening a test compound, classified in class 435, subclass 7.1.

Group VI: Claims 49-54, and 62, drawn to a protein chip, classified in class 530, subclass 350.

Group VII: Claims 59-61, drawn to a method for determining the structure of a protein, classified in class 702, subclass 20.

Applicant hereby elects the Group I invention (drawn to methods of forming/making an ordered structures, classified in class 436, subclass 71), without traverse.

***Response to Species Election***

The Examiner has required Applicant to elect, under 35 U.S.C. § 121, a single embodiment of the claimed invention for prosecution on the merits. Applicant is required to elect a species of protein from claim 4 and 57, and a species of interface from claim 6. Applicant hereby elect membrane proteins as the species of protein. Applicants elect a gas-aqueous interface as the species of interface and proteoliposomes as the species of materials used to apply the proteins to the interface.

It is Applicant's understanding that the species election is for searching purposes only, and upon a finding of allowability of the elected species, the remaining species also will be searched.

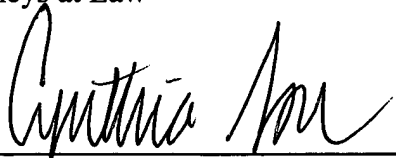
**SUMMARY**

The cancellation of and/or amendment to claims should in no way be construed as an acquiescence to any of the Examiner's objections and/or rejections. The cancellation of/amendments to the claims are being made solely to expedite prosecution of the above-identified application. Applicant reserves the option to further prosecute the same or similar claims in the present or another patent application. The cancellation of and/or amendments to claims herein are not related to any issues of patentability.

It is respectfully submitted that this application is in condition for allowance. If there are any remaining issues or the Examiner believes that a telephone conversation with Applicant's Attorney would be helpful in expediting prosecution of this application, the Examiner is invited to call the undersigned at (617) 227-7400.

Date: January 3, 2005

LAHIVE & COCKFIELD, LLP  
Attorneys at Law

By 

Cynthia M. Soroos  
Reg. No. 53,623  
28 State Street  
Boston, MA 02109  
(617) 227-7400  
(617) 742-4214